

Martin GmbH für Umwelt-

und Energietechnik

Our reference: 001/104/DE

5

ABSTRACT

A grate furnace with a grate (4) consisting of grate steps (15, 16, 17) composed [lacuna] grate elements lying next to 10 one another, of which grate steps in each case every second grate step (15, 17) in the longitudinal direction of the grate can be driven for carrying out stoking movements and the grate steps (17) in each case lying therebetween can be fixed, has drive devices (18) under the grate, which are in 15 each case arranged in housing chambers (25) and are in this way protected against impairment caused by material falling through the grate. A certain longitudinal section (36) of each of these housing chambers (25) is only partially enclosed and sealed by the under-grate blast chambers (7) and 20 is thus open (37) toward the bottom, so that it is accessible even while the grate furnace is operating.